Index of Claims

10/065,263

Date

Examiner

Nelson D. Hernandez

Applicant(s)/Patent under Reexamination

OHMURA ET AL.

Art Unit

2622

|   | X | Rejected |
|---|---|----------|
| ĺ | _ | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| · | Postricted                     |

Claim

| N | Non-Elected  |  |  |  |  |  |
|---|--------------|--|--|--|--|--|
| - | Interference |  |  |  |  |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| CI       | Date                                                                            |                     |             |             |          |              |                                                  |              |                                                  |              |  |
|----------|---------------------------------------------------------------------------------|---------------------|-------------|-------------|----------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|--|
| Final    | Original                                                                        | 10/28/05            | 9/52/06     | 11/17/06    |          |              |                                                  |              |                                                  |              |  |
|          | 1                                                                               | X                   | X           | x           | $\vdash$ | 十            | +-                                               | +            | +                                                | -            |  |
|          | 2                                                                               | X                   | x           | X<br>X      |          | $\top$       | $\top$                                           | +            | 1                                                | ┢            |  |
|          | 3                                                                               | X                   | x           | х           | T        | $\top$       | $\top$                                           | $\top$       | <del> </del>                                     | $\vdash$     |  |
|          | 4                                                                               | X                   | X<br>X<br>X | X           | 尴        | 1            |                                                  | $\top$       | T                                                | T            |  |
|          | 5                                                                               | X                   | X           | X           | Ħ        | $\top$       | 1                                                | T            | Ť                                                | T            |  |
|          | 6                                                                               | X                   | X           | X<br>X<br>X | Ι-       |              | T                                                | T            |                                                  |              |  |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7                                                 | X                   | X           |             | Г        | 1            | 1                                                | 1            | T                                                |              |  |
|          | 8                                                                               | Х                   | Х           | X           |          |              |                                                  |              |                                                  |              |  |
|          | 9                                                                               | Х                   | Х           | X           | L        |              |                                                  |              |                                                  |              |  |
|          | 10                                                                              | Х                   | X<br>X<br>X | Х           |          |              |                                                  |              |                                                  |              |  |
| <u> </u> | 11                                                                              | X.                  |             | Х           | ┖        |              |                                                  |              |                                                  |              |  |
| <u> </u> | 12                                                                              | Х                   | X           | <u>  •</u>  | L        | _            | $\perp$                                          | $\perp$      |                                                  | $oxed{\Box}$ |  |
|          | 13                                                                              | Х                   |             | <u> </u>    | L        | $\perp$      | L                                                | L            |                                                  |              |  |
|          | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22 | Х                   | Х           | X           | _        |              | 1_                                               | $oxed{oxed}$ | $oldsymbol{\perp}$                               | $oxed{oxed}$ |  |
|          | 15                                                                              | igspace             | Х           | X           | L        | <u> </u>     | _                                                | <u> </u>     | _                                                | Ш            |  |
|          | 16                                                                              | -                   | Х           | X           | _        | $\vdash$     | 1_                                               | ╙            | ↓_                                               | _            |  |
|          | 17                                                                              | $\vdash$            | _           | <u> </u>    |          | ↓_           | ╄                                                | ╄            |                                                  | _            |  |
| <u> </u> | 18                                                                              | $\vdash$            |             | _           | -        | ┼            | ╄                                                | ├-           | ╄                                                |              |  |
|          | 20                                                                              | -                   |             | -           | -        | ┢            | ┼-                                               | ╀            | ╀                                                | $\vdash$     |  |
| ┝        | 21                                                                              | H                   |             |             | -        | ├            | ╁                                                | ┿            | ╁                                                | $\vdash$     |  |
|          | 22                                                                              |                     |             | -           | -        | $\vdash$     | ╁                                                | ┼            | ╀                                                | Н            |  |
|          | 23                                                                              | $\vdash$            | $\dashv$    | _           |          | ┢╌           | ╁                                                | $\vdash$     | ╁╌                                               | Н            |  |
|          | 24                                                                              | $\vdash$            |             | _           |          | +-           | ╁                                                | $\vdash$     | ╁                                                | Н            |  |
|          | 23<br>24<br>25                                                                  | П                   |             | _           |          | Ι-           | $\vdash$                                         |              | $\vdash$                                         | Н            |  |
|          | 26                                                                              | $\Box$              | $\neg$      |             |          | 1            | Т                                                | 1            |                                                  | _            |  |
|          | 26<br>27<br>28                                                                  | П                   |             |             |          | 1            | $\vdash$                                         | $\vdash$     | T                                                |              |  |
|          | 28                                                                              |                     |             |             |          |              |                                                  |              | T                                                |              |  |
|          | 29                                                                              |                     |             |             |          |              |                                                  | Г            |                                                  | П            |  |
|          | 29<br>30                                                                        |                     | $\Box$      |             |          | П            |                                                  | T            | Π                                                |              |  |
|          | 31                                                                              |                     |             |             |          | Π            |                                                  |              |                                                  |              |  |
|          | 32<br>33                                                                        |                     |             |             |          |              |                                                  | Ī            | Π                                                |              |  |
|          | 33                                                                              |                     | $\Box$      |             |          |              |                                                  |              |                                                  |              |  |
|          | 34<br>35                                                                        | $oxed{oxed}$        | $\Box$      |             |          | 匚            |                                                  |              |                                                  |              |  |
|          | 35                                                                              |                     |             |             |          |              |                                                  |              |                                                  |              |  |
|          | 36                                                                              | Ш                   | $\Box$      |             |          |              |                                                  |              | $\Box$                                           |              |  |
|          | 37                                                                              | $\sqcup$            | _           |             |          | L            | ļ                                                |              | L                                                | Ш            |  |
|          | 38                                                                              | Щ                   | _           | _           |          | L            | <u> </u>                                         | _            | L_                                               | Ш            |  |
|          | 39                                                                              | $\vdash \vdash$     |             | _           |          | <u> </u>     | <u> </u>                                         | _            | <u> </u>                                         | Ш            |  |
|          | 40                                                                              | $\vdash \downarrow$ | $\dashv$    | -           |          | <u> </u>     |                                                  |              | <u> </u>                                         | Н            |  |
|          | 42                                                                              | $\vdash$            | $\dashv$    | $\dashv$    |          |              | $\vdash$                                         | -            |                                                  | $\vdash$     |  |
|          | 43                                                                              | $\vdash \dashv$     | $\dashv$    |             |          | $\vdash$     |                                                  | $\vdash$     | -                                                | Н            |  |
|          | 44                                                                              | $\vdash$            | -+          | -           | _        | <del> </del> | $\vdash$                                         | ├            |                                                  | $\dashv$     |  |
|          | 45                                                                              | $\vdash$            | $\dashv$    | -           | _        |              | -                                                | -            | $\vdash$                                         | $\dashv$     |  |
|          | 46                                                                              | -                   | $\dashv$    | $\dashv$    |          | <u> </u>     | <del>                                     </del> | $\vdash$     | <del>                                     </del> | $\dashv$     |  |
|          | 47                                                                              | -                   | $\dashv$    | $\dashv$    |          |              |                                                  | -            | $\vdash$                                         |              |  |
|          | 48                                                                              | -                   | 一           | -           | _        | -            | $\vdash$                                         | H            |                                                  | $\dashv$     |  |
|          | 49                                                                              | $\dashv$            | 十           | 7           | -        |              | _                                                | -            |                                                  | $\dashv$     |  |
|          | 50                                                                              | $\Box$              | 寸           | ヿ           |          |              |                                                  | Т            | $\vdash$                                         | $\dashv$     |  |

| 1        | alli                                               | ╀            |          | _                                   | <del></del>                            | <u>va</u> | ie_      |                                        |          | , -          |
|----------|----------------------------------------------------|--------------|----------|-------------------------------------|----------------------------------------|-----------|----------|----------------------------------------|----------|--------------|
| Final    | Original                                           |              |          |                                     |                                        |           |          |                                        |          |              |
|          | 51                                                 | 1            | +-       | ╈                                   | +                                      | +         | †-       | ┰                                      | ╁╌       | +            |
|          | 52                                                 | ╁            | +        | ╁╌                                  | ╁                                      | ╁         | ╀        | ╁╾                                     | ┿        | +            |
|          | 51<br>52<br>53                                     | ╁            | ┿        | ╀                                   | ╁                                      | ╁         | +-       | ╁                                      | ╁        | ┿            |
|          | 33                                                 | ╄            | +-       | ╀                                   | +                                      | ┼         | ┼-       | ╄                                      | ╄-       | 4            |
|          | 54<br>55                                           | ╀            | ↓_       | 4_                                  | _                                      | ↓_        | ↓_       | ــــــــــــــــــــــــــــــــــــــ | ┸        | $\bot$       |
| <u> </u> | 55                                                 | <u> </u>     | 1_       | ╀                                   | $\perp$                                | 1         | ↓_       | _                                      | ↓_       | ٠.,          |
|          | 56                                                 | 1            | 1        | _                                   | $\perp$                                | 上         | $\perp$  |                                        | L        |              |
|          | 57<br>58                                           | _            |          |                                     | ┸                                      | 上         | $\perp$  |                                        |          |              |
|          | 58                                                 |              |          |                                     |                                        |           |          |                                        |          |              |
|          | 59                                                 |              |          |                                     |                                        | 1         | Т        | Г                                      | П        | Т            |
|          | 60                                                 | П            | Т        | Т                                   |                                        | Т         | Т        | 1                                      | Т        | Т            |
|          | 61                                                 |              | T        | 1                                   |                                        | Т         | T        |                                        | T        | $\top$       |
|          | 62                                                 |              | T        | 1                                   |                                        |           | 1        |                                        | T        | $\vdash$     |
|          | 63                                                 | $\top$       | $\vdash$ | 1-                                  | $\top$                                 | T         | ╁        | 1                                      | t        | +            |
|          | 64                                                 | $\vdash$     | 十        | 1-                                  | 1                                      | ┢         | +        | -                                      | ✝        | +            |
| -        | 65                                                 | $\vdash$     | +-       | ╁╴                                  | +-                                     | +-        | 1—       | ├-                                     | ╁        | +            |
|          | 66                                                 | ╁            | +        | ╫                                   | +                                      | ╁         | +-       | ╁                                      | ╁        | +            |
| -        | 66<br>67                                           | ╁╌           | +        | ╁                                   | ╫                                      | ╁         | +-       | ⊢                                      | ╁        | +            |
| -        | 60                                                 | ⊢            | ╀        | ╀                                   | ┼-                                     | -         | ╁        | ╀                                      | +        | +-           |
|          | 68                                                 | ╄            | ╄        | ╄                                   | ╄                                      | ╄         | ╄        | ــ                                     | ╄        | -            |
| <u> </u> | 69<br>70                                           | ┝-           | ↓_       | 4_                                  | ┞-                                     | ↓_        | _        | _                                      | <u> </u> | ـــــ        |
| <u> </u> | 70                                                 | _            | <u> </u> | _                                   | ــــــــــــــــــــــــــــــــــــــ | ↓_        | $\vdash$ | _                                      | ↓_       | $\perp$      |
| <u></u>  | 71                                                 | L            | L        | _                                   |                                        | L         | _        |                                        | <u></u>  |              |
|          | 72                                                 | L            | L        |                                     |                                        |           |          |                                        |          |              |
| <u></u>  | 73                                                 |              |          |                                     | <u>L</u> _                             |           |          |                                        |          |              |
|          | 71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 |              |          |                                     |                                        | ſ         | Γ        | П                                      | Π        |              |
|          | 75                                                 |              | Π        | Τ                                   |                                        |           | П        |                                        |          | Т            |
|          | 76                                                 | П            | Π        | Π                                   |                                        |           |          | T-                                     | Т        | Г            |
|          | 77                                                 |              |          | Π                                   |                                        | T         |          |                                        |          |              |
|          | 78                                                 |              |          | T                                   |                                        |           |          | T-                                     | T        |              |
|          | 79                                                 | $\vdash$     | _        | T                                   | T                                      | Т         |          | $\vdash$                               | $\vdash$ | $\vdash$     |
|          | 80                                                 |              | T        | T                                   | $\vdash$                               | $\vdash$  | $\vdash$ |                                        | ┢        | $\vdash$     |
| _        | 81                                                 | 1            |          | $\vdash$                            | $\vdash$                               | ╁         | -        |                                        | ┢        | ╁            |
| <b>—</b> | 82                                                 | -            | $\vdash$ | -                                   | $\vdash$                               | ╁         | ┢        | -                                      | ┢        | ╁            |
|          | 82<br>83                                           | ┢╌           | $\vdash$ | ⊢                                   | ┢                                      | ⊢         | ╁        | -                                      | ┢        | ╁            |
| _        | 84                                                 | ┢            | ┢        | -                                   | ┝                                      | ╁         | -        | -                                      | ├        | ├            |
| <u></u>  | 85                                                 | ┢            | -        | $\vdash$                            | -                                      | ⊢         | -        | H                                      | ├        | ╀            |
|          | 86                                                 | -            | ├        | -                                   | ╁─                                     | ├         | ⊢        | ⊢                                      | -        | ⊢            |
|          | 87                                                 | ⊢            | -        | ├-                                  | H                                      | -         | -        | ⊢                                      | ├_       | ├            |
|          | 07                                                 | -            |          | ⊢                                   | -                                      | -         | ├-       | _                                      | ⊢        | <del> </del> |
|          | 88                                                 | <del> </del> | ⊢        | ⊢                                   | -                                      |           | _        | <u> </u>                               | <u> </u> | <b> </b>     |
| -        | 89                                                 | -            | Ь.       | ┞                                   | <u> </u>                               | <u> </u>  | <u> </u> | _                                      |          |              |
|          | 90                                                 | <u> </u>     |          | ⊢.                                  | _                                      |           | $\vdash$ | _                                      | _        |              |
|          | 91                                                 | _            | <b>!</b> | <u> </u>                            | <b> </b> _                             | <u> </u>  | <u> </u> | <u> </u>                               |          | <u> </u>     |
| <u></u>  | 92                                                 | <u> </u>     | <u> </u> | <u> </u>                            | <u> </u>                               |           | <u> </u> | _                                      | _        |              |
| <u></u>  | 93                                                 | <u> </u>     | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _                                      | <u> </u>  | <u></u>  |                                        | L        | L            |
|          | 94                                                 | <u></u>      |          |                                     | L                                      | $\Box$    |          |                                        |          |              |
|          | 95                                                 |              | L        |                                     |                                        |           | L        |                                        |          |              |
|          | 96                                                 |              |          |                                     |                                        |           |          |                                        |          |              |
|          | 97                                                 |              |          |                                     |                                        |           |          |                                        |          | Г            |
|          | 98                                                 |              |          |                                     |                                        |           |          |                                        |          |              |
|          | 99                                                 |              |          |                                     | Т                                      |           |          |                                        |          | $\Box$       |
|          | 100                                                |              |          |                                     |                                        |           |          |                                        |          |              |

| Cla                                              | Τ                 | Date         |          |                  |                                |                                        |              |          |                                                  |                 |  |
|--------------------------------------------------|-------------------|--------------|----------|------------------|--------------------------------|----------------------------------------|--------------|----------|--------------------------------------------------|-----------------|--|
|                                                  | 1                 | Τ            | Т        | Т                | Ī                              | Ť                                      | Т            | Т        | Т                                                |                 |  |
| ō                                                | Original          |              |          |                  |                                |                                        |              |          |                                                  |                 |  |
| Final                                            | l ig              |              |          |                  |                                |                                        |              |          |                                                  |                 |  |
|                                                  |                   |              |          |                  | 1                              |                                        |              |          | 1                                                |                 |  |
|                                                  | 101               | $\top$       | T        | 1                | 1                              |                                        | 1            | T        | T                                                | T               |  |
|                                                  | 101<br>102        | Γ            | T        |                  | Τ                              | Τ                                      | T            | Τ        | 1                                                | Т               |  |
|                                                  | 103               | Γ            | Π        | J                |                                | T                                      | 1            | Τ        |                                                  | $\sqcap$        |  |
|                                                  | 104               | Γ            | Γ        | Γ                | Γ                              | Γ                                      | Ι            |          | Ι                                                |                 |  |
|                                                  | 104<br>105        | Γ            | Γ        | Γ                | Γ                              | Γ                                      | Γ            | Γ        | Ι                                                |                 |  |
|                                                  | 106               | Γ            | Γ        | Γ                | Γ                              | Ι                                      | Γ            | Γ        | Ι                                                | Π               |  |
|                                                  | 107               | ┖            | oxdot    | $\Box$           | $\Box$                         | $\Box$                                 |              | Γ        | $\Box$                                           |                 |  |
|                                                  | 108               | $\Box$       | $\Box$   | $\Box$           | $\Box$                         | $\Box$                                 | $\Box$       | $\Box$   | $\Box$                                           |                 |  |
|                                                  | 109<br>110        | Ĺ            | Ĺ        | oxdot            | $\Box$                         | $oldsymbol{\Box}$                      | $\Box$       | $\Box$   | $\Box$                                           |                 |  |
|                                                  | 110               | Ĺ            | Ĺ        | $\perp$          | $\perp$                        | Ĺ                                      | Ĺ            | L        | oxdot                                            | Ľ               |  |
| لـــــا                                          | 1111              | $\perp$      | Ĺ        | <u> </u>         | Ľ                              | Ĺ                                      | ĮĨ           | Ĺ        | 匚                                                | 匚               |  |
| $\sqcup$                                         | 112               | Ļ            | Ļ        | <u> </u>         | $\perp$                        | $\perp$                                | Ĺ            | Ĺ        | $\perp$                                          | oxdot           |  |
| $\vdash \vdash$                                  | 112<br>113<br>114 | L            | $\perp$  | <del> </del>     | L                              | Ļ                                      | Ļ            | Ĺ        | $\perp$                                          | $\Box$          |  |
| ⊢⊢                                               | 114               | <u> </u>     | <u> </u> | 1                | <u> </u>                       | <u> </u>                               | <u> </u>     | Ļ        | _                                                | L_Ì             |  |
| igwdown                                          | 115<br>116        | $\vdash$     | ↓_       | <del> </del>     | <u> </u>                       | 1                                      | $\vdash$     | <u> </u> | <u> </u>                                         | igsqcut         |  |
| ┝┈┤                                              | 116               | $\vdash$     | $\vdash$ |                  |                                | <u> </u>                               | <del> </del> | <b>Ļ</b> | <b> </b>                                         |                 |  |
|                                                  | 117               | <u> </u>     | $\vdash$ |                  |                                | $\vdash$                               | <del> </del> | $\vdash$ | ₩                                                | $\vdash$        |  |
| $\vdash \vdash \vdash$                           | 118<br>119        | $\vdash$     | -        | ├                | ₩                              |                                        | $\vdash$     | <u> </u> | $\vdash$                                         | Ш               |  |
|                                                  | 119               | <del> </del> | <u> </u> | +-               | ₩                              | $\vdash$                               | $\vdash$     | _        | <del> </del>                                     | Ш               |  |
| $\vdash \vdash \vdash$                           | 120               | -            | -        | $\vdash$         | -                              | $\vdash$                               | $\vdash$     | ├-       | ├-                                               | Н               |  |
| <del>                                     </del> | 121<br>122        | $\vdash$     | -        | -                | $\vdash$                       | -                                      | -            | -        | <b>—</b>                                         | $\vdash \vdash$ |  |
| $\vdash \vdash \vdash$                           | 122               | -            | $\vdash$ | <del> </del>     | ├                              | $\vdash$                               | ⊢            | $\vdash$ | -                                                | Н               |  |
| $\vdash \dashv$                                  | 124               | -            | -        | -                | <del> </del>                   | $\vdash$                               | $\vdash$     | $\vdash$ | $\vdash$                                         | Н               |  |
| <del>                                     </del> | 123<br>124<br>125 | $\vdash$     | $\vdash$ | -                | -                              | -                                      | $\vdash$     | $\vdash$ | $\vdash$                                         | H               |  |
|                                                  | 126               | H            | $\vdash$ | +                | -                              | $\vdash$                               | +            | $\vdash$ | <del>                                     </del> | $\vdash \vdash$ |  |
| $\vdash$                                         | 126<br>127<br>128 | $\vdash$     | $\vdash$ | 1                | $\vdash$                       | 1                                      |              |          | $\vdash$                                         | Н               |  |
| $\vdash$                                         | 128               |              | $\vdash$ | 1                | -                              | $\vdash$                               | T            | $\vdash$ | $\vdash$                                         | Н               |  |
|                                                  | 129               |              | $\vdash$ | T                | $\vdash$                       | 1                                      |              | 1        |                                                  | H               |  |
|                                                  | 129<br>130        |              | _        | T                |                                | T                                      | $\vdash$     | $\vdash$ | $\vdash$                                         | -               |  |
|                                                  | 131               | Γ            | Ť        | $\vdash$         |                                |                                        | $\vdash$     | $\vdash$ |                                                  | $\vdash$        |  |
|                                                  | 132               |              |          | Γ                |                                |                                        |              |          | П                                                | Н               |  |
|                                                  | 132<br>133        |              |          |                  |                                | Γ                                      | Г            | Γ        | М                                                | П               |  |
|                                                  | 134               |              |          | Γ                |                                |                                        |              | Γ        | П                                                |                 |  |
|                                                  | 135               |              |          |                  |                                |                                        |              | Γ        |                                                  |                 |  |
|                                                  | 136               |              | $\Box$   | 匚                | $\Box$                         |                                        |              |          |                                                  |                 |  |
| $\Box$                                           | 137<br>138        | تــا         | Ĺ        | $\Box$           | L                              | Ĺ                                      | Ĺ            | $\Box$   |                                                  |                 |  |
|                                                  | 138               | oxdot        | L        | oxdot            | $oxedsymbol{oxedsymbol{oxed}}$ | Ĺ                                      | Ĺ            | oxdot    | $\Box$                                           |                 |  |
| $\Box$                                           | 139               | L            | <u> </u> | <u> </u>         | L                              | L                                      | $\Box$       | L        | Ш                                                | $\Box$          |  |
| igsquare                                         | 140               | L.           | <u> </u> | <u> </u>         | <u> </u>                       | _                                      | <u> </u>     | <u> </u> | Ш                                                |                 |  |
|                                                  | 141               |              | <u> </u> | $\vdash$         | <u> </u>                       | <u> </u>                               | <u> </u>     | ļ.,      | Щ                                                | $\sqcup$        |  |
|                                                  | 142               | <u> </u>     | <u> </u> | $\vdash$         | $\vdash$                       | <u> </u>                               | <u> </u>     | <u> </u> | $\vdash \dashv$                                  | $\Box$          |  |
|                                                  | 143               | -            | <u> </u> | <u> </u>         | <u> </u>                       | ۲.                                     | <b> </b>     | $\vdash$ | $\vdash \dashv$                                  |                 |  |
|                                                  | 144<br>145        | _            | $\vdash$ | <del>  -  </del> |                                |                                        | $\vdash$     | $\vdash$ | ┞—┤                                              |                 |  |
|                                                  | 145               | $\vdash$     | -        | Н                |                                | $\vdash$                               | -            | $\vdash$ | $\vdash \vdash$                                  | $\dashv$        |  |
|                                                  | 147               | $\dashv$     |          | Н                | H                              | Н                                      | -            | $\vdash$ | $\vdash$                                         |                 |  |
|                                                  | 148               | $\dashv$     | -        | Н                | Н                              | $\vdash$                               | -            | Н        | $\vdash \vdash$                                  | $\dashv$        |  |
| -+                                               | 149               | $\dashv$     | —        | Н                | Н                              | Н                                      | -            | Н        |                                                  |                 |  |
|                                                  | 150               | $\dashv$     | H        | $\vdash$         | Н                              | Н                                      | -            | Н        | $\vdash$                                         | $\dashv$        |  |
|                                                  | 130               |              |          | ய                |                                | $ldsymbol{ldsymbol{ldsymbol{\sqcup}}}$ |              | $\Box$   |                                                  |                 |  |